CLAIMS

- 1. A display device comprising:
- a display substrate and a rear substrate

 5 disposed with a space;

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- a transparent liquid disposed in the space between these substrates;
- a partition wall formed from a material capable of transmitting light and disposed in the space between the substrates;
- a light shielding layer disposed between the partition wall and the rear substrate; and
- a light scattering layer disposed on the rear substrate capable of reflecting an incident light

from outside the display substrate,

- characterized in that a refractive index of the partition wall is no less than that of the transparent liquid, and an incident light ray on the display substrate at a predetermined incident angle or more that enters inside the partition wall is not totally reflected but refracted into the transparent liquid at a side face of the partition wall.
- 2. The display device according to claim 1, 25 wherein the refractive index of said partition wall n(K) and the refractive index of said transparent liquid n(L) satisfy the following condition:

 90° - Arc sin [1/2n(K)] < Arc sin [n(L)/n(K)].

- 3. The display device according to claim 1, wherein the height of said partition wall H, the width W, and the refractive index n(K), and the refractive index of said transparent liquid n(L) satisfy the following condition:
 - 90° Arc sin [n(K)sin α] < Arc sin [n(L)/n(K)] where α is an angle determined by tan $\alpha = \frac{W}{H}$.
- 4. The display device according to claim 1, wherein the partition wall is formed with a photosensitive resin selected from the group consisting of epoxy, polyimide and acryl.
- 5. The display device according to claim 1, wherein said transparent liquid includes a plurality of charged particles.
- 6. The display device according to claim 1, 20 wherein said transparent liquid is a liquid crystal.